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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/281,717A

DATE: 12/10/2002

TIME: 08:41:34

#29

Input Set : A:\9811 Seq.txt

Output Set: N:\CRF4\12102002\I281717A.raw

5 <110> APPLICANT: Baxter, John  
7 Darimont, Beatrice  
9 Feng, Weijun  
11 Fletterick, Robert  
13 Kushner, Peter  
15 West, Brian  
17 Wagner, Richard  
19 Yamamoto, Keith  
23 <120> TITLE OF INVENTION: METHODS AND COMPOUNDS FOR MODULATING NUCLEAR RECEPTOR  
24 COACTIVAOR BINDING  
28 <130> FILE REFERENCE: 9811-008-999  
32 <140> CURRENT APPLICATION NUMBER: 09/281,717A  
34 <141> CURRENT FILING DATE: 1999-03-30  
38 <150> PRIOR APPLICATION NUMBER: US 60/079,956  
40 <151> PRIOR FILING DATE: 1998-03-30  
44 <160> NUMBER OF SEQ ID NOS: 60  
48 <170> SOFTWARE: PatentIn version 3.0  
52 <210> SEQ ID NO: 1  
54 <211> LENGTH: 5  
56 <212> TYPE: PRT  
58 <213> ORGANISM: Homo sapiens  
62 <220> FEATURE:  
64 <221> NAME/KEY: Variant  
66 <222> LOCATION: (2)..(3)  
68 <223> OTHER INFORMATION: Xaa is any amino acid  
72 <400> SEQUENCE: 1

W--&gt; 74 Leu Xaa Xaa Leu Leu

75 1 5  
77 <210> SEQ ID NO: 2  
79 <211> LENGTH: 6  
81 <212> TYPE: PRT  
83 <213> ORGANISM: Homo sapiens  
87 <220> FEATURE:  
89 <221> NAME/KEY: Variant  
91 <222> LOCATION: (3)..(4)  
93 <223> OTHER INFORMATION: Xaa is any amino acid  
97 <400> SEQUENCE: 2

W--&gt; 99 Ile Leu Xaa Xaa Leu Leu

100 1 5  
102 <210> SEQ ID NO: 3  
104 <211> LENGTH: 5  
106 <212> TYPE: PRT  
108 <213> ORGANISM: Homo sapiens

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112 <220> FEATURE:
114 <221> NAME/KEY: Variant
116 <222> LOCATION: (2)..(3)
118 <223> OTHER INFORMATION: Xaa is any amino acid
122 <400> SEQUENCE: 3
W--> 124 Phe Xaa Xaa Leu Trp
125 1 5
127 <210> SEQ ID NO: 4
129 <211> LENGTH: 5
131 <212> TYPE: PRT
133 <213> ORGANISM: Homo sapiens
137 <220> FEATURE:
139 <221> NAME/KEY: Variant
141 <222> LOCATION: (2)..(3)
143 <223> OTHER INFORMATION: Xaa is any amino acid
147 <400> SEQUENCE: 4
W--> 149 Phe Xaa Xaa Ala Leu
150 1 5
152 <210> SEQ ID NO: 5
154 <211> LENGTH: 34
156 <212> TYPE: PRT
158 <213> ORGANISM: Homo sapiens
162 <400> SEQUENCE: 5
164 Ala Glu Gly His Ser Arg Leu His Asp Ser Lys Gly Gln Thr Lys Leu
165 1 5 10 15
167 Leu Gln Leu Leu Thr Thr Lys Ser Glu Gln Met Glu Pro Ser Pro Leu
168 20 25 30
170 Ala Ser
173 <210> SEQ ID NO: 6
175 <211> LENGTH: 34
177 <212> TYPE: PRT
179 <213> ORGANISM: Homo sapiens
183 <220> FEATURE:
185 <221> NAME/KEY: MUTAGEN
187 <222> LOCATION: (15)..(15)
189 <223> OTHER INFORMATION: Ile --> Ala
193 <220> FEATURE:
195 <221> NAME/KEY: MUTAGEN
197 <222> LOCATION: (16)..(16)
199 <223> OTHER INFORMATION: Leu --> Ala
203 <220> FEATURE:
205 <221> NAME/KEY: MUTAGEN
207 <222> LOCATION: (19)..(20)
209 <223> OTHER INFORMATION: Leu --> Ala
213 <220> FEATURE:
215 <221> NAME/KEY: MUTAGEN
217 <222> LOCATION: (16)..(20)
219 <223> OTHER INFORMATION: Leu(16) --> Ala; Leu (20) -->Ala
223 <220> FEATURE:

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225 <221> NAME/KEY: MUTAGEN
227 <222> LOCATION: (15)..(16)
229 <223> OTHER INFORMATION: IleLeu --> AlaAla
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237 <222> LOCATION: (17)..(18)
239 <223> OTHER INFORMATION: HisArg -->AlaAla
243 <220> FEATURE:
245 <221> NAME/KEY: MUTAGEN
247 <222> LOCATION: (15)..(15)
249 <223> OTHER INFORMATION: Ile -->Phe
253 <220> FEATURE:
255 <221> NAME/KEY: MUTAGEN
257 <222> LOCATION: (16)..(16)
259 <223> OTHER INFORMATION: Leu -->Phe
263 <220> FEATURE:
265 <221> NAME/KEY: MUTAGEN
267 <222> LOCATION: (19)..(19)
269 <223> OTHER INFORMATION: Leu -->Phe
273 <220> FEATURE:
275 <221> NAME/KEY: MUTAGEN
277 <222> LOCATION: (20)..(20)
279 <223> OTHER INFORMATION: Leu -->Phe
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286 1          5          10          15
288 His Arg Leu Leu Gln Asp Ser Ser Ser Pro Val Asp Leu Ala Lys Leu
289          20          25          30
291 Thr Ala
294 <210> SEQ ID NO: 7
296 <211> LENGTH: 31
298 <212> TYPE: PRT
300 <213> ORGANISM: Homo sapiens
304 <400> SEQUENCE: 7
306 Glu Pro Ala Ser Pro Lys Lys Lys Glu Asn Ala Leu Leu Arg Tyr Leu
307 1          5          10          15
309 Leu Asp Lys Asp Asp Thr Lys Asp Ile Gly Leu Pro Glu Ile Thr
310          20          25          30
312 <210> SEQ ID NO: 8
314 <211> LENGTH: 34
316 <212> TYPE: PRT
318 <213> ORGANISM: Homo sapiens
322 <400> SEQUENCE: 8
324 Ala Asp Gly Gln Ser Arg Leu His Asp Ser Lys Gly Gln Thr Lys Leu
325 1          5          10          15
327 Leu Gln Leu Leu Thr Thr Lys Ser Glu Gln Met Glu Pro Ser Pro Leu
328          20          25          30
330 Ala Ser
333 <210> SEQ ID NO: 9

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## RAW SEQUENCE LISTING

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335 <211> LENGTH: 34
337 <212> TYPE: PRT
339 <213> ORGANISM: Homo sapiens
343 <400> SEQUENCE: 9
345 Ser Gly Ser Thr His Gly Thr Ser Leu Lys Glu Lys His Lys Ile Leu
346 1          5          10          15
348 His Arg Leu Leu Gln Asp Ser Ser Ser Pro Val Asp Leu Ala Lys Leu
349          20          25          30
351 Thr Ala
354 <210> SEQ ID NO: 10
356 <211> LENGTH: 31
358 <212> TYPE: PRT
360 <213> ORGANISM: Homo sapiens
364 <400> SEQUENCE: 10
366 Glu Pro Val Ser Pro Lys Lys Lys Glu Asn Ala Leu Leu Arg Tyr Leu
367 1          5          10          15
369 Leu Asp Lys Asp Asp Thr Lys Asp Ile Gly Leu Pro Glu Ile Thr
370          20          25          30
372 <210> SEQ ID NO: 11
374 <211> LENGTH: 34
376 <212> TYPE: PRT
378 <213> ORGANISM: Homo sapiens
382 <400> SEQUENCE: 11
384 Ala Glu Gly His Ser Arg Leu His Asp Ser Lys Gly Gln Thr Lys Leu
385 1          5          10          15
387 Leu Gln Leu Leu Thr Thr Lys Ser Glu Gln Met Glu Pro Ser Pro Leu
388          20          25          30
390 Pro Ser
393 <210> SEQ ID NO: 12
395 <211> LENGTH: 34
397 <212> TYPE: PRT
399 <213> ORGANISM: Homo sapiens
403 <400> SEQUENCE: 12
405 Pro Gly Ser Thr His Gly Thr Ser Leu Lys Glu Lys His Lys Ile Leu
406 1          5          10          15
408 His Arg Leu Leu Gln Asp Ser Ser Ser Pro Val Asp Leu Ala Lys Leu
409          20          25          30
411 Thr Ala
414 <210> SEQ ID NO: 13
416 <211> LENGTH: 31
418 <212> TYPE: PRT
420 <213> ORGANISM: Homo sapiens
424 <400> SEQUENCE: 13
426 Glu Pro Ala Ser Pro Lys Lys Lys Glu Asn Ala Leu Leu Arg Tyr Leu
427 1          5          10          15
429 Leu Asp Lys Asp Asp Thr Lys Asp Ile Gly Leu Pro Ser Ile Thr
430          20          25          30
432 <210> SEQ ID NO: 14
434 <211> LENGTH: 34

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Input Set : A:\9811 Seq.txt

Output Set: N:\CRF4\12102002\I281717A.raw

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436 <212> TYPE: PRT
438 <213> ORGANISM: Homo sapiens
442 <400> SEQUENCE: 14
444 Ala Glu Asn Gln Arg Gly Pro Leu Glu Ser Lys Gly His Lys Lys Leu
445 1 5 10 15
447 Leu Gln Leu Leu Thr Cys Ser Ser Glu Asp Arg Gly His Ser Ser Leu
448 20 25 30
450 Thr Asn
453 <210> SEQ ID NO: 15
455 <211> LENGTH: 34
457 <212> TYPE: PRT
459 <213> ORGANISM: Homo sapiens
463 <400> SEQUENCE: 15
465 Thr Ser Asn Met His Gly Ser Leu Leu Gln Glu Lys His Arg Ile Leu
466 1 5 10 15
468 His Lys Leu Leu Gln Asn Gly Asn Ser Pro Ala Glu Val Ala Lys Ile
469 20 25 30
471 Thr Ala
474 <210> SEQ ID NO: 16
476 <211> LENGTH: 32
478 <212> TYPE: PRT
480 <213> ORGANISM: Homo sapiens
484 <400> SEQUENCE: 16
486 Glu Gln Leu Ser Pro Lys Lys Lys Glu Asn Asn Ala Leu Leu Arg Tyr
487 1 5 10 15
489 Leu Leu Asp Arg Asp Asp Pro Ser Asp Val Leu Ala Lys Lys Leu Gln
490 20 25 30
492 <210> SEQ ID NO: 17
494 <211> LENGTH: 34
496 <212> TYPE: PRT
498 <213> ORGANISM: Homo sapiens
502 <400> SEQUENCE: 17
504 Ala Glu Asn Gln Arg Gly Pro Leu Glu Ser Lys Gly His Lys Lys Leu
505 1 5 10 15
507 Leu Gln Leu Leu Thr Cys Ser Ser Asp Asp Arg Gly His Ser Ser Leu
508 20 25 30
510 Thr Asn
513 <210> SEQ ID NO: 18
515 <211> LENGTH: 34
517 <212> TYPE: PRT
519 <213> ORGANISM: Homo sapiens
523 <400> SEQUENCE: 18
525 Thr Ser Asn Met His Gly Ser Leu Leu Gln Glu Lys His Arg Ile Leu
526 1 5 10 15
528 His Lys Leu Leu Gln Asn Gly Asn Ser Pro Ala Glu Val Ala Lys Ile
529 20 25 30
531 Thr Ala
534 <210> SEQ ID NO: 19
536 <211> LENGTH: 32

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RAW SEQUENCE LISTING ERROR SUMMARY  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 2, 3  
Seq#:2; Xaa Pos. 3, 4  
Seq#:3; Xaa Pos. 2, 3  
Seq#:4; Xaa Pos. 2, 3  
Seq#:26; Xaa Pos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13, 14, 17, 22, 23, 24, 25, 26, 27, 28, 29  
Seq#:26; Xaa Pos. 30, 31, 32, 33, 34  
Seq#:27; Xaa Pos. 1, 2, 3, 4, 5, 6, 7, 8, 10, 12, 14, 18, 22, 23, 24, 27, 28, 29, 30, 31, 32, 33  
Seq#:27; Xaa Pos. 34  
Seq#:28; Xaa Pos. 2, 3, 4, 5, 10, 11, 12, 13, 14, 22, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33  
Seq#:28; Xaa Pos. 34  
Seq#:52; Xaa Pos. 45, 46, 47, 48, 49, 50  
Seq#:53; Xaa Pos. 45, 46, 47, 48, 49, 50